

10/532900

JC14 R001 PCT/PTO 27 APR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#2

Applicant(s): **Koji Kikushima**Appln No.: **Not Yet Assigned**Filed: **Herewith**For: **OPTICAL SIGNAL RECEIVER,  
OPTICAL SIGNAL RECEIVING  
EQUIPMENT, AND OPTICAL  
SIGNAL TRANSMISSION  
SYSTEM**Group Art  
Unit: **Not Yet Assigned**Examiner: **Not Yet Assigned**Docket No.: **85315**Cust. No.: **22242**CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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INFORMATION DISCLOSURE STATEMENT

Mail Stop **PCT**  
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Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, applicant and the undersigned attorney wish to bring the following information to the Examiner's attention in connection with the examination of the above-captioned application.

The documents are listed on PTO/SB/08A Substitute for Form PTO-1449 which accompanies this Information Disclosure Statement. A copy of each foreign document and each non-patent literature document cited thereon is enclosed herewith.

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
		US-5,896,216 A	04/20/1999	Kikushima et al.	

## Information Disclosure Statement

FOREIGN PATENT DOCUMENTS <span style="float: right;">10/532900</span>		
Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
JP 07-083763	03/31/1995	Fujitsu Ltd.
JP 2700622	01/21/1998	Nippon Telegraph and Telephone Corp.
JP 2000-500923	1/25/2000	Defence Evaluation and Research Agency
JP 2002-141750	5/17/2002	Matsushita Electric Ind Co. Ltd.
JP 3371355	11/22/2002	Nippon Telegraph and Telephone Corp.

NON PATENT LITERATURE DOCUMENTS
Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Transmission Equipment for transferring multi-channel television signals over optical access networks by FM conversion, ITU-T Standard J-185 (02/2002)
SHIBATA, N. et al., Optical image distribution system using an FM batch conversion method, The IEICE Transaction B (Japanese Edition), Vol. J83-B, No. 7, pages 948-959, July 2000.
SUZUKI, et al., Pulsed FM batch conversion modulation analog optical CATV distribution method, IEICE Autumn Society Conference, Technical Digest, B-603, 1991.
KIKUSHIMA, Koji, et al., Distortions of Optical Video Transmission Systems Employing AM/FM Converters and its Countermeasures, The Institute of Electronics, Information and Communication Engineers, Technical Report of IEICE, Vol. 96, No. 59, pages 43-48, May 23, 1996.

**REMARKS**

Pursuant to 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

It is respectfully requested that the Examiner consider the above materials and make them of record in the above-captioned application.

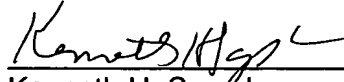
Information Disclosure Statement

The Commissioner is hereby authorized to charge any fees which may be required in this application under 37 C.F.R. § §1.16-1.17 to Deposit Account No. 06-1135.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

Dated:



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PTO/SB/08a Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	Not Yet Assigned <b>10/532900</b>
				Filing Date	Herewith
				First Named Inventor	Koji, Kikushima
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket	85315

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,896,216 A	04/20/1999	Kikushima et al.	

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		JP 07-083763	03/31/1995	Fujitsu Ltd.		X
		JP 2700622	01/21/1998	Nippon Telegraph and Telephone Corp.		X
		JP 2000-500923	1/25/2000	Defence Evaluation and Research Agency		X
		JP 2002-141750	5/17/2002	Matsushita Electric Ind Co. Ltd.		X
		JP 3371355	11/22/2002	Nippon Telegraph and Telephone Corp.		X

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		Transmission Equipment for transferring multi-channel television signals over optical access networks by FM conversion, ITU-T Standard J-185 (02/2002).	X
		SHIBATA, N. et al., Optical image distribution system using an FM batch conversion method, The IEICE Transaction B (Japanese Edition), Vol. J83-B, No. 7, pages 948-959, July 2000.	X
		SUZUKI, et al., Pulsed FM batch conversion modulation analog optical CATV distribution method, IEICE Autumn Society Conference, Technical Digest, B-603, 1991.	X
		KIKUSHIMA, Koji, et al., Distortions of Optical Video Transmission Systems Employing AM/FM Converters and its Countermeasures, The Institute of Electronics, Information and Communication Engineers, Technical Report of IEICE, Vol. 96, No. 59, pages 43-48, May 23, 1996.	X

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.